



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW0705G00131-3G

Job Sheet 184460



Part No: RBW0705G00131-3G

Job Qty: 2 ea

Part Name: Aircraft & Main Rotor Lifting Sling Parts



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/10/18

Job Tracking No:

Due Date: 12/17/18

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW0705G00131-3G Rev. 6 IPP Rev. 3 18.10.04 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs	12/17/18	12/17/18	0.00	0.00	Purchasing		NOV 28 2018
110	Packaging	2 pcs	12/17/18	12/17/18	0.00	0.00	Packaging2		NOV 28 2018
120	QC	2 pcs	12/17/18	12/17/18	0.00	0.00	QC6		61
121	Small Fab	2 pcs	12/17/18	12/17/18	0.00	2.00	Small Fab-5		9-89 AP
122	QC	2 pcs	12/17/18	12/17/18	0.00	0.00	QC5		AP 12-12-10
130	Packaging	2 pcs	12/17/18	12/17/18	0.00	0.00	Packaging3		DAS
140	QC21-FG	2 Ea	12/17/18	12/17/18	0.00	0.00	QC21		DEC 27 2018 70

Part Op 100 - Issue P/O: 041297 MANUFACTURE RBW0705G00131-3G AS PER DWG Supplier: Arrow Tech Machine 3-89

Descriptions: Works Certificate of conformity is required

121 - 1-Load test as per DWG sheet 1 and 8. 2-Engrave placard RB41011 using marktronic engraver 3-Transfer drill Dart placard RB41011 as per DWG sheet 1. 4-Rivet placard 5-Install sticker as per DWG.

oct 10. 2018 x 2 Rk

"GA-MAT"

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW0705G00131-3GP	Aircraft & Main Rotor Lifting Sling Parts	2 pcs (1 ea)	100-Purchasing	5132762
90081A077	Drive Screw	8 Ea (4 ea)	121-Small Fab	5048890
RB41011	Dart Tooling Placard, Aluminum	2 Ea (1 ea)	121-Small Fab	5021040
RBW0705G00131-3G-13	Emblem	2 Ea (1 ea)	121-Small Fab	5121986

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW0705G00131-3GP	2	0	0
121-Small Fab	90081A077	8	88	0
	RB41011	2	765	0
	RBW0705G00131-3G-13	2	0	0

Part Specifications

Specifications could not be found.

Plex 10/10/18 10:00 AM dart.Lussier.Patrick



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CANADA
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Email: sales@dartaero.com
www.dartaerospace.com

Container No: S132768



Part: RBW0705G00131-3G

Job No: 184460

Serial No/Batch: S132768

Revision: 6

Inspector:

Exp Date:

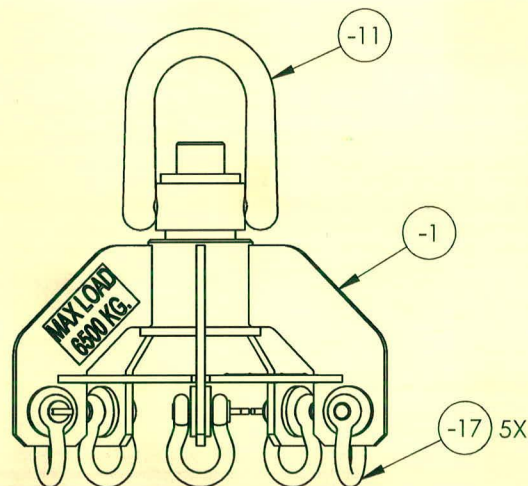
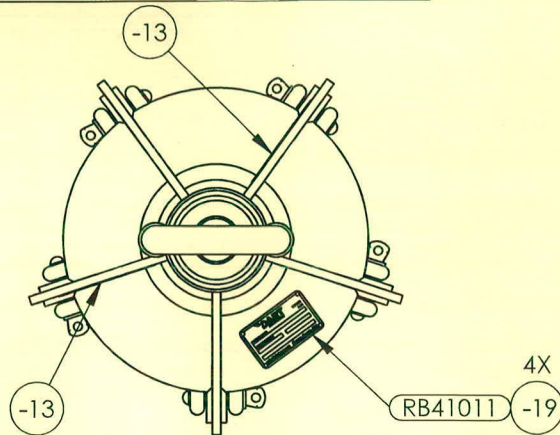
Instructions:

Date: 11/20/18

88
07
DVA

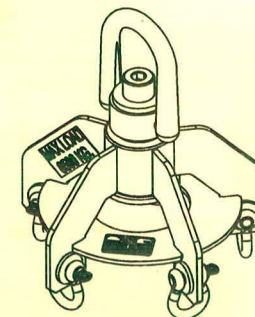
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RB41011

DART PLACARD



NOTES:

1. WEIGHT TEST TO 21,000 LBS.
2. RBW0705G00131-3G REPLACES AGUSTA T/N 3G0705G00131.
3. TORQUE HOIST RING TO RECOMMENDED TORQUE SHOWN ON THE RING.

DART AEROSPACE	
AC & MR LIFTING SLING	
TITLE	REV 6
DWG NO.	RBW0705G00131-3G
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/
DRAWN BY:	PERRITT
CHECKED:	SM 02/10/2017
OPPS APPR:	AA 02/13/2017
QA APPR:	JL 05/09/2017
APPROVED:	JAG 05/09/2017
SCALE	1:8
DATE	4/1/2009
SHEET 1 OF 8	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
	1		-3		CENTER PIN	A514 CR		3
	1		-5		RING	A514 CR		4
	5		-7		ARM	A514 CR		5
	10		-9		SPACER	A514 CR		6
		B/O	-11	1	HOIST RING	FORGED ALLOY STEEL	15,000 lbs. MCMASTER-CARR #2994T81	1
		B/O	-13	2	EMBLEM	CLEAR PLASTIC	2-3/8 X 3-7/8 (SIGNS NOW)	7
		B/O	-17	5	ANCHOR SHACKLE W/SCREW PIN	GALV. STEEL	Ø3/4 PIN 3-1/2 TON (MCMASTER-CARR #3558T51)	1
		B/O	-19	4	#2 DRIVE SCREW	COATED STEEL	#2 X 1/4 (MCMASTER-CARR #90081A077)	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1
	ASSY -1							

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-5 CH'D ENGRAVE NOTE.	5/27/2009	RJC	
B		CH'D T/N FROM RBW0705G00131 TO RBW0705G00131-3G.	4/14/2010	RJC	RW
1		-3 & -5 SEPARATED WELDING & ASSEMBLY DWGS. -3 REDESIGNED TOOL CENTER PIN WAS Ø5.50 X 10.06 WITH A SHACKLE HOLE NOW ITS Ø5.25 X 4.20 WITH AN EYEBOLT HOLE. ADDED EYE BOLT AND DWG. -7 ARM WAS .38 X 6.14 X 9.88 IS .38 X 6.24 X 8.75.	10/29/2010	WP	DW
2		DELETED -11 THRU -15, -21, -23 & -27 REPLACED WITH HOIST RING -11. -3 CH'D DEPTH OF BORE FROM 2.95 TO 1.57 & THREADED HOLE 1-1/4-7 UNC.	12/8/2010	RJC	
3		-1 DELETED ENGRAVE NOTE. -3 ADDED .12 X 45° CHAMFER.	8/29/2011	RJC	RW
3A		-13 CH'D LETTER SIZE WAS 1/2 IS 1.	2/26/2013	BIM	RW
3B		ADDED FIRST ARTICLEWEIGHT TEST SHEET.	10/31/2013	RJC	RW
4		UPDATED TITLEBLOCKS TO DART. -7 CH'D DIM WAS .323 - .313 IS (.313) S.F. -5.	6/17/2014	DJN	GE
5	15-0301	-3, -5, -7 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020. -5 ADDED .20 X 45° CHAMFER AND 10X R.02. -7 ADDED .12 X 45° CHAMFER. -13 ADDED DRAWING.	9/15/2015	RJC	JAG
6	17-0039	-1 CH'D WELD NOTE WAS 5X FILLET NEAR SIDE, FAR SIDE, ALL AROUND IS 5X FILLET NEAR SIDE, FAR SIDE. CH'D FINISH WAS POWDER COAT RED WAGON FORREST #T-3370 S9 IS POWDER COAT RED. -3 CH'D MAT'L WAS 1018/1020 IS A514 CR. -5 CH'D MAT'L WAS 1018/1020 IS A514 CR. CH'D DIM WAS 5X .375-.385 IS 5X .392-.400. -7 CH'D MAT'L WAS 1018/1020 IS A514 CR. CH'D DIM WAS (.313 S.F. -5) IS .350-.342 (S.F. -5). -9 CH'D MAT'L WAS 1018/1020 IS A514 CR. -13 CH'D TOLERANCES WAS ±.005 IS ±.010, WAS ±.01 IS ±.03. -15 REPLACED W/ RB41011. -19 CH'D B/O REF WAS (#90081A074) IS (#90081A077).	2/9/2017	DPD	JAG

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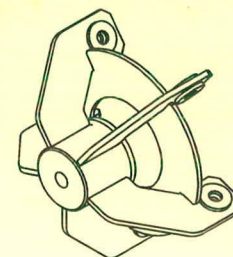
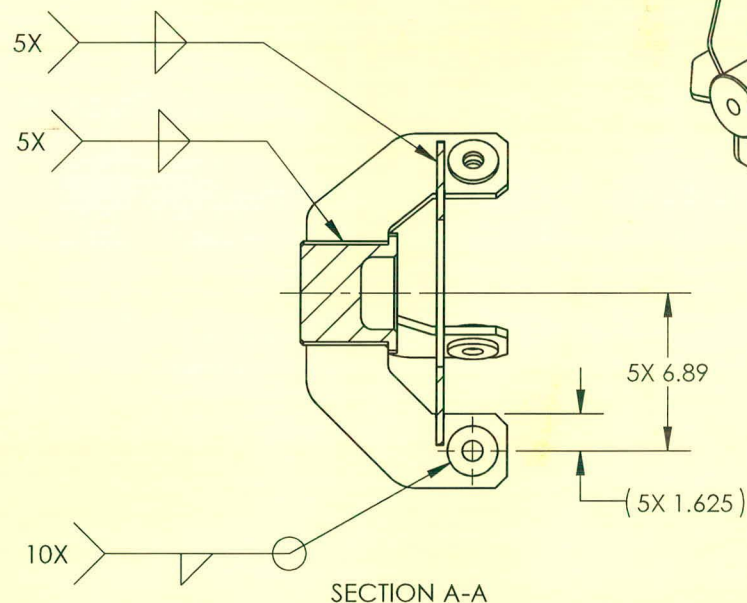
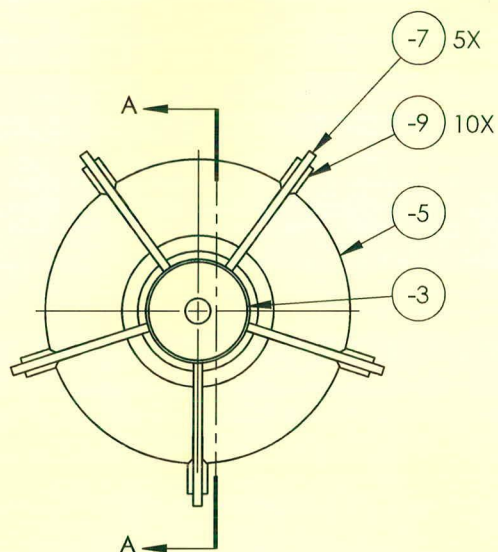
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 & -5 SEPARATED WELDING & ASSEMBLY DWGS.	10/29/2010	WP	DW
3		-1 DELETED ENGRAVE NOTE.	8/29/2011	RJC	RW
6	17-0039	-1 CH'D WELD NOTE WAS 5X FILLET NEAR SIDE, FAR SIDE, ALL AROUND IS 5X FILLET NEAR SIDE, FAR SIDE. CH'D FINISH WAS POWDER COAT RED WAGON FORREST #T-3370 S9 IS POWDER COAT RED.	2/9/2017	DPD	JAG



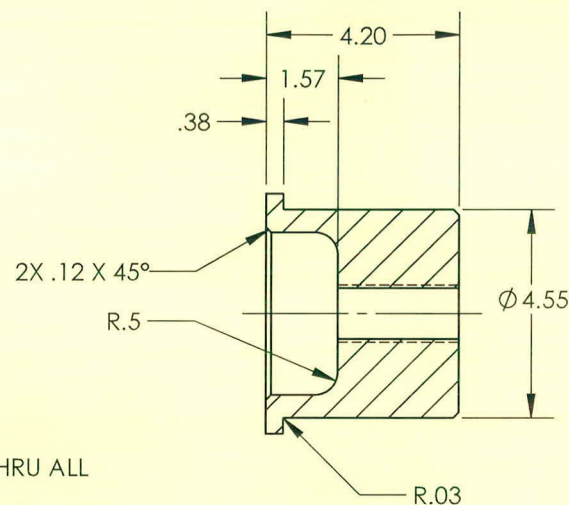
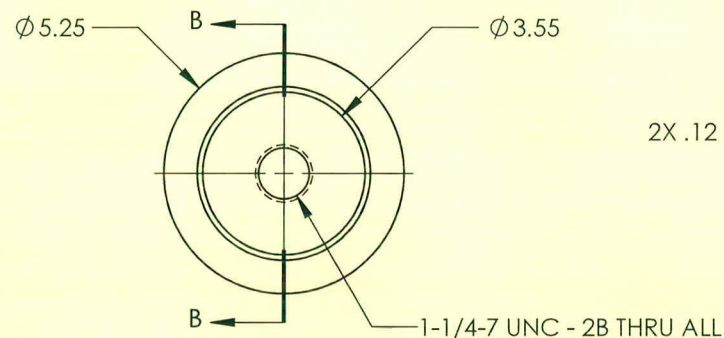
SEE ATTACHED DEVIATION

(-1)
WELDMENT

DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-1	REV 6
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: PERRITT	USED ON MODEL
CHECKED: SM 02/10/2017	AW139
OPPS APPR: AA 02/13/2017	
QA APPR: JL 05/09/2017	
APPROVED: JAG 05/09/2017	
SCALE 1:8	DATE 4/1/2009
SHEET 2 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 REDESIGNED TOOL CENTER PIN WAS Ø5.50 X 10.06 WITH A SHACKLE HOLE NOW ITS Ø5.25 X 4.20 WITH AN EYEBOLT HOLE, ADDED EYE BOLT AND DWG.	10/29/2010	WP	DW
2		-3 CH'D DEPTH OF BORE FROM 2.95 TO 1.57 & THREADED HOLE 1-1/4-7 UNC.	12/8/2010	RJC	
3		-3 ADDED .12 X 45° CHAMFER.	8/29/2011	RJC	RW
5	15-0301	-3 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020.	9/15/2015	RJC	JAG
6	17-0039	-3 CH'D MAT'L WAS 1018/1020 IS A514 CR.	2/10/2017	DPD	JAG



SECTION B-B

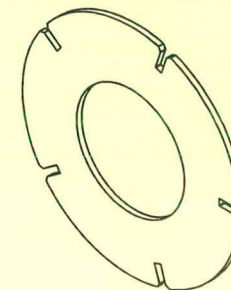
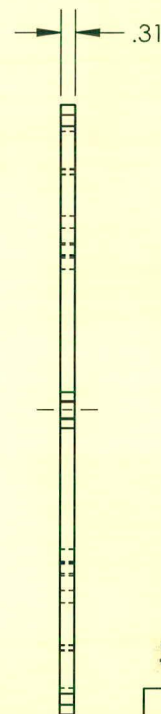
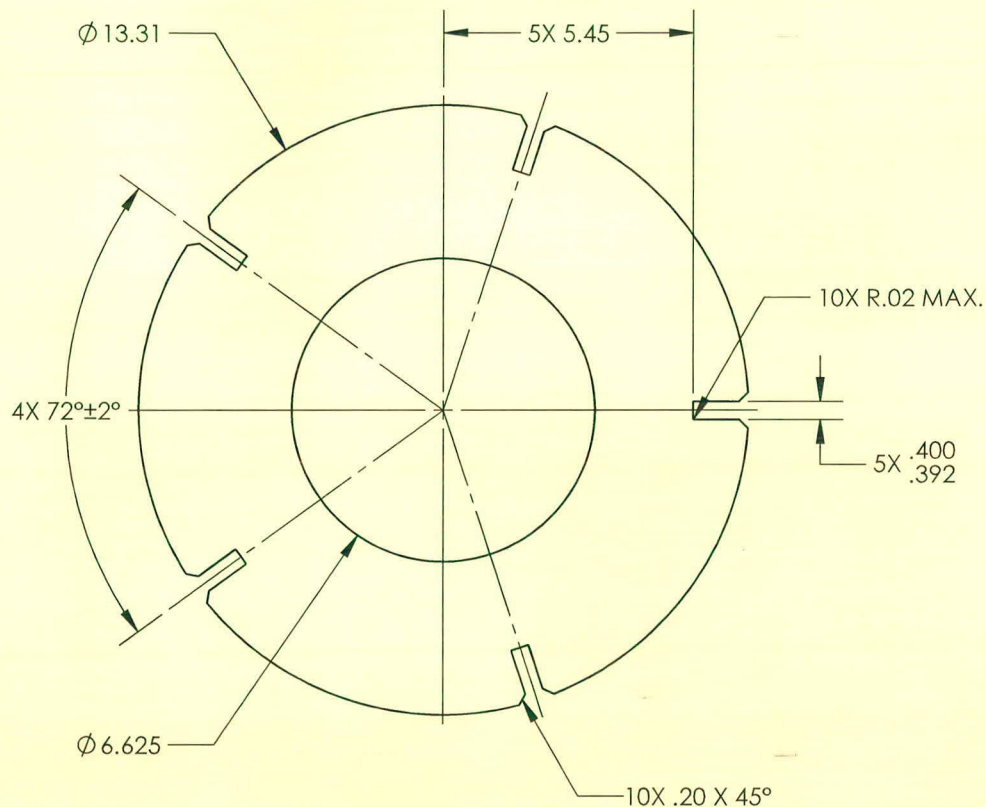
SEE ATTACHED DEVIATION

(-3)
CENTER PIN

DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-3	REV 6
MAT'L A514 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -1	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: SM 02/10/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 02/13/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/09/2017	USED ON MODEL
APPROVED: JAG 05/09/2017	AW139
SCALE 1:4	DATE 4/1/2009
SHEET 3 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
A		-5 CH'D ENGRAVE NOTE.	5/27/2009	RJC
5	15-0301	-5 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020, ADDED .20 X 45° CHAMFER AND 10X R.02.	9/15/2015	RJC
6	17-0039	-5 CH'D MAT'L WAS 1018/1020 IS A514 CR. CH'D DIM WAS 5X .375-.385 IS 5X .392-.400.	2/10/2017	DPD



SEE ATTACHED DEVIATION

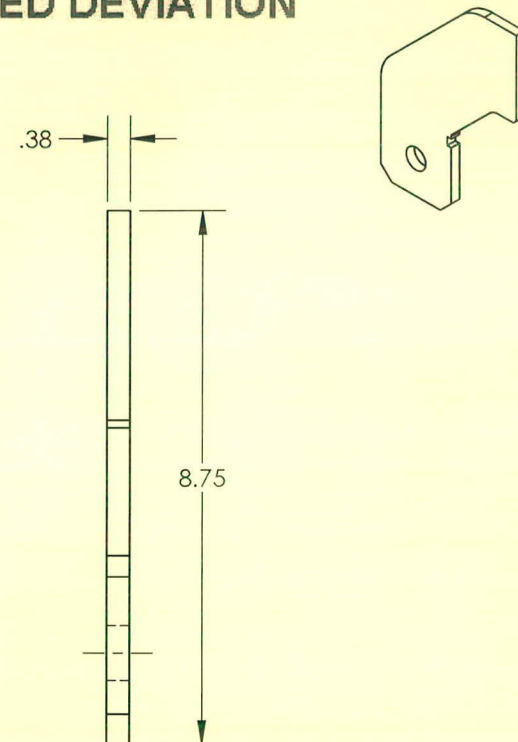
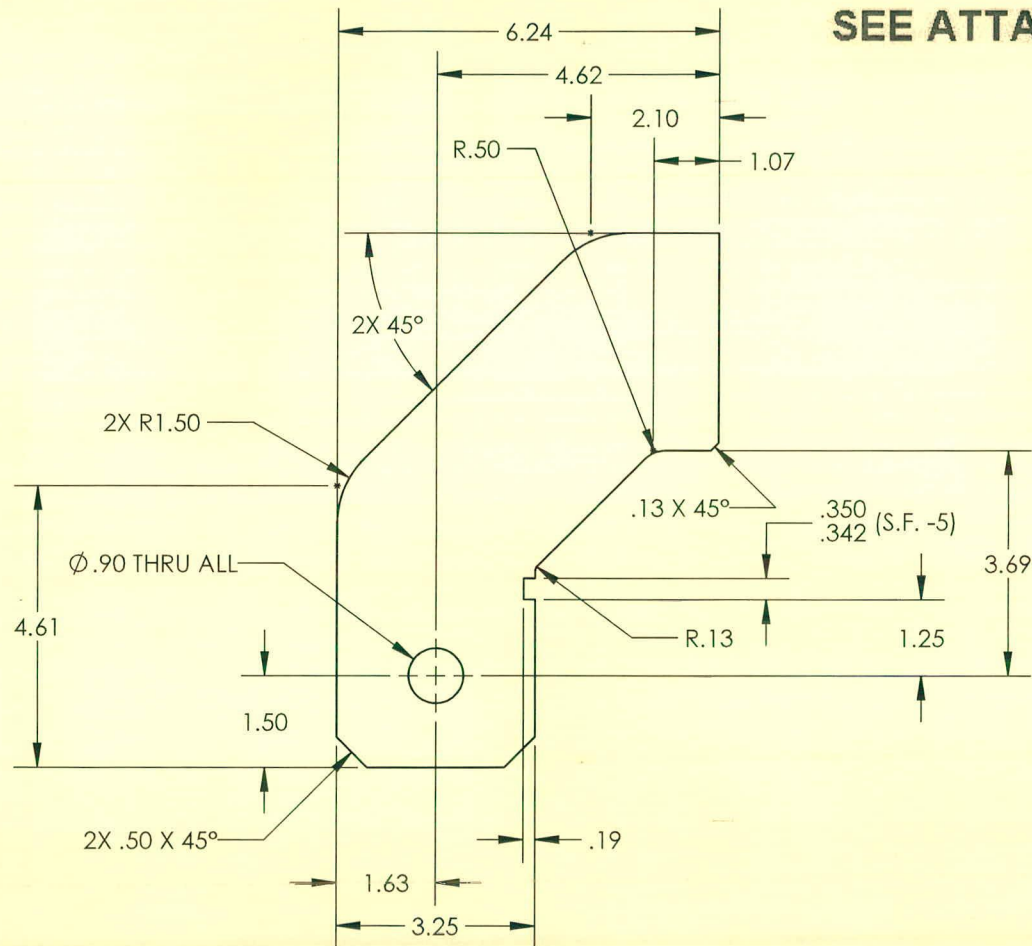
DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-5	REV 6
MAT'L A514 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH SEE -1	.X ± .1 SURFACES = 125/
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: SM 02/10/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: AA 02/13/2017	USED ON MODEL
QA APPR: JL 05/09/2017	AW139
APPROVED: JAG 05/09/2017	
SCALE 1:4	DATE 4/1/2009
SHEET 4 OF 8	

(-5)
RING

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REVISIONS			DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION			
1		-7 ARM WAS .38 X 6.14 X 9.88 IS .38 X 6.24 X 8.75.	10/29/2010	WP	DW
4		-7 CH'D DIM WAS .323 - .313 IS (.313) S.F. -5.	6/17/2014	DJN	GE
5	15-0301	-7 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020, ADDED .12 X 45° CHAMFER.	9/15/2015	RJC	GE
6	17-0039	-7 CH'D MAT'L WAS 1018/1020 IS A514 CR. CH'D DIM WAS (.313 S.F. -5) IS .350-.342 (S.F. -5).	2/10/2017	DPD	JAG

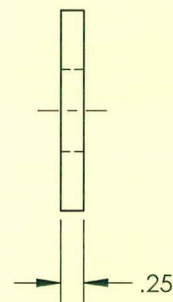
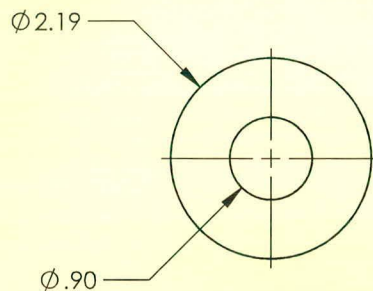
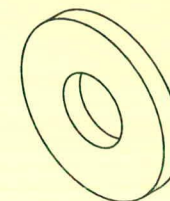
SEE ATTACHED DEVIATION



DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-7	REV 6
MAT'L A514 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH SEE -1	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: SM 02/10/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 02/13/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/09/2017	USED ON MODEL
APPROVED: JAG 05/09/2017	AW139
SCALE 1:3	DATE 4/1/2009
SHEET 5 OF 8	

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REVISIONS			DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION			
6	17-0039	-9 CH'D MAT'L WAS 1018/1020 IS A514 CR.	2/10/2017	DPD	JAG



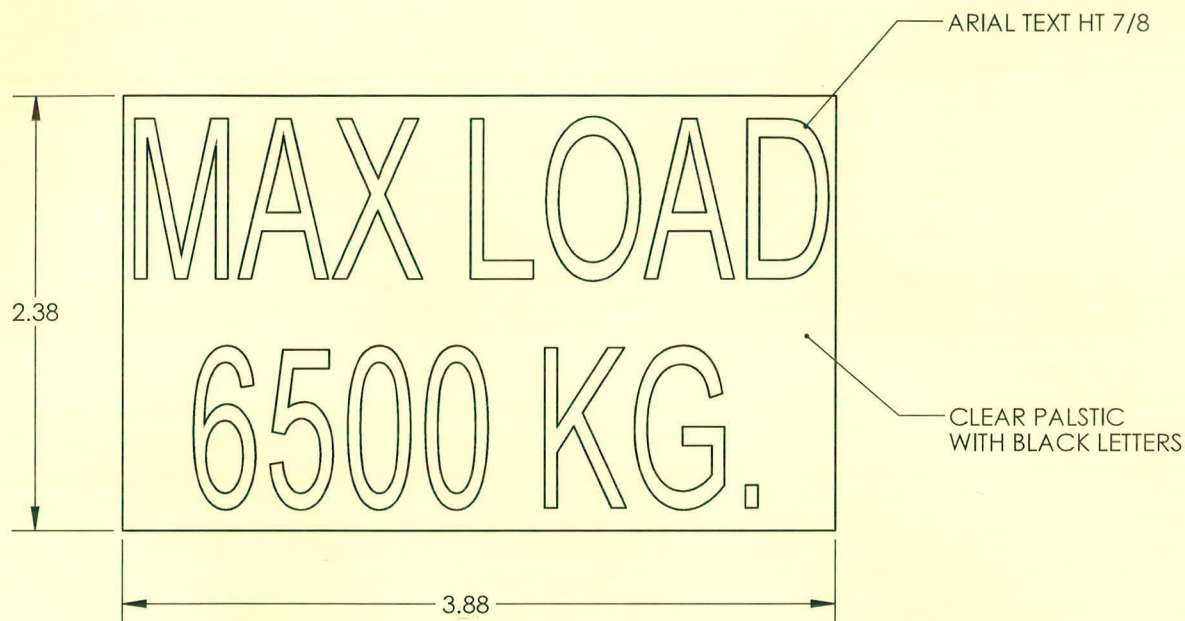
SEE ATTACHED DEVIATION

(-9)
SPACER

DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-9	REV 6
MAT'L A514 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH SEE -1	.X ± .1 SURFACES = 125/
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: SM 02/10/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: AA 02/13/2017	USED ON MODEL
QA APPR: JL 05/09/2017	AW139
APPROVED: JAG 05/09/2017	
SCALE 1:2	DATE 4/1/2009 SHEET 6 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3A		-13 CH'D LETTER SIZE WAS 1/2 IS 1.	2/26/2013	BIM	RW
5	15-0301	-13 ADDED DRAWING.	9/15/2015	RJC	JAG
6	17-0039	-13 CH'D TOLERANCES WAS $\pm .005$ IS $\pm .010$, WAS $\pm .01$ IS $\pm .03$.	2/10/2017	DPD	JAG



SEE ATTACHED DEVIATION

(-13)
EMBLEM

DART AEROSPACE	
TITLE AC & MR LIFTING SLING	
DWG NO. RBW0705G00131-3G-13	REV 6
MAT'L CLEAR PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX $\pm$.010 FRACTIONS $\pm$ 1/8
FINISH	.XX $\pm$.03 ANGLES $\pm$ 1°
SPEC	.X $\pm$.1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: SM 02/10/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 02/13/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/09/2017	USED ON MODEL
APPROVED: JAG 05/09/2017	AGUSTA AW139
SCALE 1:1	DATE 8/31/2015 SHEET 7 OF 8

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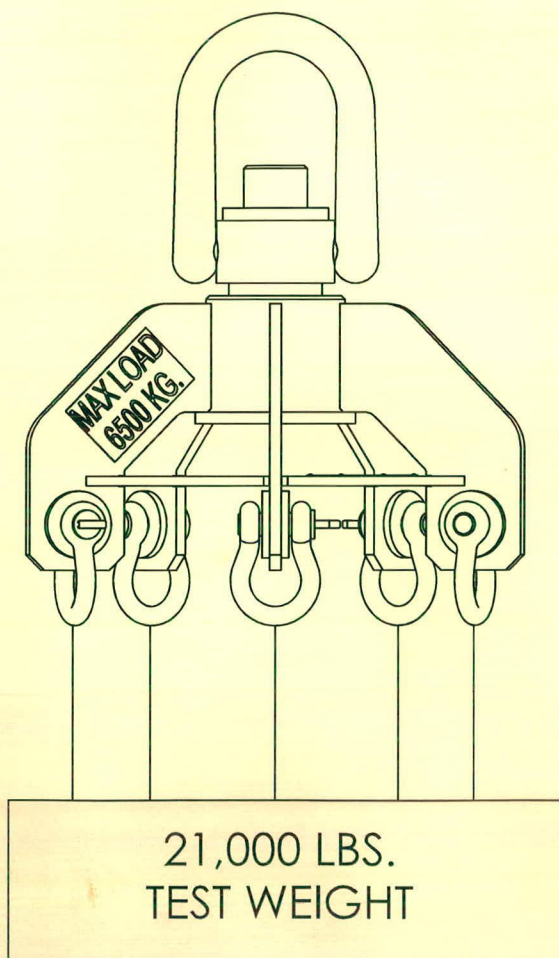
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3B		ADDED FIRST ARTICLEWEIGHT TEST SHEET.	10/31/2013	RJC	RW
6	17-0039	1ST PARAGRAPH ADDED LIFTING THE AIRCRAFT.	2/9/2017	DPD	JAG

INSPECTION & TESTING PROCDURES FOR THE RBW0705G00131-3G, AC & MR HEAD LIFTING SLING. THIS ASSEMBLY IS DESIGNED EXCLUSIVELY FOR LIFTING THE AIRCARFT AND INSTALLING/REMOVING THE MAIN ROTOR HEAD.

INSPECT THIS ASSEMBLY PRIOR TO EACH USE. **REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING.**

FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION PLACE SLING ASSEMBLY ON A OVERHEAD LIFTING DEVICE. ATTACH 5 CONNECTOR HOOKS TO AN APPROPRIATE TEST WEIGHT OF 21,000 LBS.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTION.



INSPECTOR: *[Signature]*

TESTER: ALAIN PATRY

S/N: 5132768

DATE: 2018-12-4

SEE ATTACHED DEVIATION

 DART AEROSPACE 190 S. Danebo Ave., Eugene, OR. 97402 1-800-556-4166 e-mail: sales@dartaero.com dartaerospace.com			
TITLE AC & MR LIFTING SLING			
DWG NO. RBW0705G00131-3G	REV 6	CUSTOMER 1 OF 1	
SCALE 1:6	DATE 4/1/2009	SHEET 8 OF 8	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: <u>184460</u> Part No <u>RBW0705G00131-3G REV. 6</u> NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : <u>2018/12/19</u>		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval OCT 4, 2018																			
Description Work Order Deviation				Disposition																					
RBW0705G00131-3G-3 MATERIAL WAS A514 CR MATERIAL IS 4140/4142 (28-32 RC) PER KPT				- THIS DEVIATION IS ACCEPTABLE. - THE FIT, FORM AND FUNCTION OF THE PART WILL BE AS ORIGINALLY INTENDED																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☒		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041297**

Supplier: ARR002-VU
Arrow Tech Machine Works
29751 E. Enid Road,
Unit C
Eugene, OR 97402 USA
Phone: 541-780-6938
Fax: 458-215-4938

PO No: PO041297
PO Date: 10/10/18
Due Date: 12/17/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lussier, PatrickPhone:

Ship To:

Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	184460	RBW0705G00131-3GP			Aircraft & Main Rotor Lifting Sling Parts	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs DAS 61 9-89	\$1,956.74/pcs	\$3,913.48

Line Item Note REV 6 SEE ATTACHED DEVIATION (SIOP)

Grand Total: \$3,913.48

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/10/18 10:12 AM dart.Lussier.Patrick



**PHGE Machineworks dba
Arrowtech Machineworks**
29751 E Enid Rd. Unit C
Eugene, Oregon 97402
Phone: (541) 780-6938
Fax: (458) 215-4938

Packing Slip

NO. 325

Date: 11/26/2018
PO Ref: 041297
Ship via: Fedex Priority

Bill To:
Dart Aerospace
1270 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K7

Ship To:
Dart Aerospace
1271 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K8

Qty
2

Item
AC & MR LIFTING SLING

Part No.
RBW0705G00131-3G REV 6

DAS
31
9-89

Received by:

Packaged by:

Checked by:

J.M.C.
C.E.

Thank You



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No:041297 ✓

Dated: 11/26/2018

Our Order / Job No:041297-1AWT

Order Qty:2 ✓

Part Name: AC & MR LIFTING SLING

Part Number: RBW0705G00131-3G ✓

Lot Size:N/A

Ship Date: 11/26/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW0705G00131-3G

Rev: 6

Material Size and Type: -3/41410 Q&T; -5,-7,-9/A514 CR

Material Specifications: STEEL: ASTM A108, ASTM A29; STEEL: ASTM A514

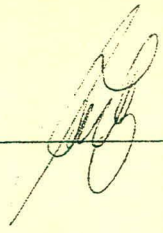
Heat Treatment: -3/(RC 25-32)

DAS
61
9-89

Plating/Finish: POWDER COAT RED: RAL 3020

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 11/26/18

Signed: 

PHGE Machine Works LLC dba Arrow Tech Machine Works
29751 E. Enid Rd. Unit C Eugene, Oregon 97402
Main: (541) 780-6938 | Fax: (458) 215-4938
www.atechmachineworks.com

